

WHAT IS CLAIMED IS:

1. A liquid crystal display panel comprising:

an insulating substrate; and

a pixel electrode formed on the substrate, the pixel electrode having pluralities

5 of openings and X-shaped projections protruding from surface of the pixel electrode,

wherein the openings are disposed between the projections and an area enclosed by the X-shaped projections, the openings, and boundary of the pixel electrode has a planar shape of equilateral trapezoid or acute angle.

2. The liquid crystal display panel of claim 1, wherein a long side of the

10 equilateral trapezoid is convex.

3. The liquid crystal display panel of claim 1, wherein a long side of the

equilateral trapezoid is curved.

4. The liquid crystal display panel of claim 1, further comprising a plurality

15 of X-shaped members located under the respective projections, and an insulating layer between the projections and the X-shaped members, thereby causing the projections to protrude.

5. The liquid crystal display panel of claim 4, wherein the insulating layer

has a double-layered structure.

6. The liquid crystal display panel of claim 5, wherein the pixel electrode

20 except for the projections is in direct contact with the substrate.

7. The liquid crystal display panel of claim 4, wherein the X-shaped

members are made of metal.

8. The liquid crystal display panel of claim 7, wherein at least two of the X-shaped members are connected to each other.

5 9. The liquid crystal display panel of claim 1, further comprising an image signal line transmitting image signals to the pixel electrode.

10. The liquid crystal display panel of claim 9, further comprising:
a scanning signal line transmitting scanning signals; and
a transistor connected to the scanning signal line, the image signal line and the pixel electrode to transmit the image signals from the image signal line to the pixel
10 electrode responsive to the scanning signals from the scanning signal line.